

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/002923

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L33/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/19827 A (ABB INDUSTRY OY ; MIETTINEN ERKKI (FI)) 27 June 1996 (1996-06-27) sentence 34; figure 1	1-8, 11
X	US 2002/007936 A1 (WOERNER KLAUS W ET AL) 24 January 2002 (2002-01-24) paragraph '0012!; figure 2a	1
Y	US 6 335 548 B1 (ROBERTS JOHN K ET AL) 1 January 2002 (2002-01-01) figure 24	1-15
Y	US 6 301 779 B1 (AZAR KAVEH) 16 October 2001 (2001-10-16) figure 7	1-15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex

* Special categories of cited documents

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

21 April 2005

Date of making of the international search report

02/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	PATENT ABSTRACTS OF JAPAN vol. 0165, no. 21 (E-1285), 27 October 1992 (1992-10-27) & JP 04 196369 A (HITACHI LTD), 16 July 1992 (1992-07-16) abstract	1
A	US 5 519 720 A (HIRANO RYOICHI ET AL) 21 May 1996 (1996-05-21) figure 3a	
A	US 2001/030866 A1 (HOCHSTEIN PETER A) 18 October 2001 (2001-10-18) figure 2	
A	US 6 561 680 B1 (SHIH KELVIN) 13 May 2003 (2003-05-13) figure 5b	
A	US 2003/058650 A1 (SHIH KELVIN) 27 March 2003 (2003-03-27) figure 2b	
A	US 6 645 783 B1 (BRUNNER HERBERT ET AL) 11 November 2003 (2003-11-11) figure 1	
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